

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED SUB REPORT/abd.

DATE FILED

9-9-91

LAND: FEE &amp; PATENTED

☒

STATE LEASE NO.

PUBLIC LEASE NO.

INDIAN

DRILLING APPROVED:

10-9-91 (EXCEPTION LOCATION)

SPUDDED IN:

COMPLETED:

12-3-92 LA

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED:

LA'D APD EXPIRED ENT 12-3-92

FIELD:

WILDCAT

UNIT:

COUNTY:

CARBON

WELL NO.

1210-0801 #1

API NO. 43-007-30147

LOCATION

415' FNL

FT. FROM (N) (S) LINE.

288' FEL

FT. FROM (E) (W) LINE.

NE NE

1/4 - 1/4 SEC.

8

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

12S

10E

8

COCKRELL OIL CORP.

# OIL AND GAS

DFN

RJF

✓ 1 ~~DB~~ *From*

GIH

D'S

SLS

well is in Section 8  
and is free land

2 MICROFILM

2-Sub E

on 2-well File

1913-1914  
D.M.C.

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

**SUBMIT IN DUPLICATE\***  
 (Other instructions on reverse side)

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. Lease Designation and Serial No. Fee 
b. Type of Well Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Water Injection Well <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name Not Applicable
2. Name of Operator Cockrell Oil Corporation (713) 651-1271		7. Unit Agreement Name Not Applicable
3. Address of Operator 1600 Smith Street, Suite 4600, Houston, Texas 77002-7348		8. Farm or Lease Name 1210-0801
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 415' FNL, 288' FEL (NE $\frac{1}{4}$ NE $\frac{1}{4}$ ) Section 8, T12S, R10E At proposed prod. zone Same		9. Well No. 1
14. Distance in miles and direction from nearest town or post office* Eight (8) Miles Northeast of Helper, Utah		10. Field and Pool, or Wildcat Wildcat <input checked="" type="checkbox"/>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 288'		11. Sec., T., R., M., or Bk. and Survey or Area Section 8, T12S, R10E
16. No. of acres in lease 320		12. County or Parrish Carbon
17. No. of acres assigned to this well N/A		13. State Utah
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. N/A		19. Proposed depth 6000'
20. Rotary or cable tools Rotary		21. Elevations (Show whether DF, RT, GR, etc.) 7278' GR
22. Approx. date work will start* November 1, 1991		

### PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	10-3/4" J-55	40.5# (New)	600'	Circulate to Surface
8-3/4"	7" J-55	23.0# (New)	Total Depth	440 sx *

\* Cement volume may change due to hole size.  
 Calculate from Caliper log.

PLEASE REFER TO ATTACHED DRILLING PROGNOSIS.

Application for Injection Well - UIC Form 1 Attached.

**RECEIVED**

SEP 09 1991

DIVISION OF  
OIL GAS & MINING

### TECHNICAL REVIEW

Engr. JAN 10-9-91  
 Geol. T.H. 9/20/91  
 Surface B.H. 9/20/91

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed David Heitzman Title Consultant Date 09/04/91  
 (This space for Federal or State office use)

Permit No. 13-007-30147 Approval Date \_\_\_\_\_

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
 Conditions of approval, if any:

10-9-91  
JAN Matthew  
 615-3-3

SCALE 1" = 1000'	DATE 8-5-91
PARTY J.K. B.C. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER HOT	FILE COCKRELL OIL CORP.

W. R. SMITH - CONSULTING ENGINEER  
6920 S. Prince Way • Littleton, CO. 80120  
303-795-0440  
August 27, 1991

Mr. Gilbert Hunt  
Utah Division of Oil, Gas and Mining  
Suite 350, 3 Triad Center  
355 West North Temple  
Salt Lake City, Utah 84180-1203

Re: Application for Underground Injection Well  
Cockrell Oil Corporation's 1210-0801 #1  
NE 1/4, NE 1/4, S8-T12S-R10E.  
Carbon County, Utah

Dear ~~Mr.~~ <sup>Bill</sup> Hunt:

Enclosed is UIC Form 1-Application For Injection Well for the well described above. Included with the Application is a copy of an ownership map covering areas of concern; a copy of the Drilling Prognosis which shows the casing and cementing program and a plat showing the location of the proposed injection well, topography and the proposed piping layout. Water to be injected will be produced from wells shown on the enclosed plat, as well as other wells that may be drilled in the future. The water will be produced from the Blackhawk formation coals.

There are no water wells or oil or gas wells within the area of concern. The primary injection reservoir is the Panther sand of the Star Point formation, as shown on the enclosed Stratigraphic Column. A secondary objective reservoir is the Spring Canyon sand, also a member of the Star Point formation. These sands are the lower members of the Mesaverde Group.

No well has been drilled to the Panther sand in the immediate area; therefore, no analysis is available either by log interpretation or other means. Based on our best knowledge of the area and geology of the overlying formations, we are estimating the water quality will exceed 4,500 parts per million total dissolved solids, but will contain less than 10,000. Therefore, an aquifer exemption according to Section R615-5-4 may be required.

We are unable to furnish the required logs at this time; but, they will be furnished to your office immediately upon completion of the well.

Cockrell is currently preparing to drill the proposed producers. Early approval of this application would be appreciated, so that work may proceed at a reasonable pace.

Yours very truly,

Bill Smith  
William R. Smith, P.E.

## APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Cockrell Oil Corporation  
 ADDRESS 1600 Smith - Suite 4600  
Houston, Texas 77002-7348

Well name and number: 1210-0801 #1

Field or Unit name: Wildcat Castlegate Area Lease no. \_\_\_\_\_

Well location: QQ NE/NE section 8 township 12S range 10E county Carbon

Is this application for expansion of an existing project? . . . Yes ☐ No ☒

Will the proposed well be used for: Enhanced Recovery? . . . Yes ☐ No ☒  
 Disposal? . . . . . Yes ☒ No ☐  
 Storage? . . . . . Yes ☐ No ☒

Is this application for a new well to be drilled? . . . . . Yes ☒ No ☐

If this application is for an existing well,  
 has a casing test been performed on the well? . . . . . Yes ☐ No ☐  
 Date of test: \_\_\_\_\_  
 API number: \_\_\_\_\_

Proposed injection interval: from 5430'  
5830' to 5500' Secondary  
6000' Primary

Proposed maximum injection: rate 10,000 bpd pressure 1000 psig

Proposed injection zone contains ☐ oil, ☐ gas, and/or ☐ fresh water within 1/2 mile of the well.  
 (None of these to the best of our knowledge)

**IMPORTANT:** Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Plat of proposed injection well and piping layout.  
Ownership Plat; Geologic section for Southeast Utah, Drilling prognosis.

I certify that this report is true and complete to the best of my knowledge.

Name B. E. Weichman Signature *B. E. Weichman*  
 Title Special Projects Manager Date 8/27/91  
 Phone No. (713) 651-1271

(State use only)  
 Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
 Approval Date \_\_\_\_\_

Comments:

COCKRELL OIL CORPORATION

1210-0801 #1  
NE $\frac{1}{4}$ NE $\frac{1}{4}$  Section 8, T12S, R10E  
Carbon County, Utah

Proposed Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Flagstaff	Surface	Spring Canyon	5430'
Price River	3580'	Panther Sand	5830'
Blackhawk	4380'	Total Depth	6000'
Aberdeen	5210'		

2. Estimated Depths of Injection Intervals:

5830'-6000'	Primary
5430'-5500'	Secondary

Fresh water zones, if any, encountered during drilling will be recorded by depth and adequately protected.

3. Pressure Control Equipment: (Schematic Attached)

Type : 11" Double Gate Hydraulic with one (1) blind ram and one (1) pipe ram equipped with automatic choke manifold.

Pressure Rating : 2000 psi BOP, 2000 psi choke manifold

BOP and related pressure control equipment will be tested to 70% of the maximum internal yield pressure prior to drilling out the surface casing shoe and tested every thirty (30) days thereafter and recorded in the driller's log.

4. Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0- 600'	Fresh Water/Gel	8.3-8.7	40-55	NC
600-6000'	Fresh Water/Gel/ Caustic	8.7-9.1	38-45	10-20 cc's

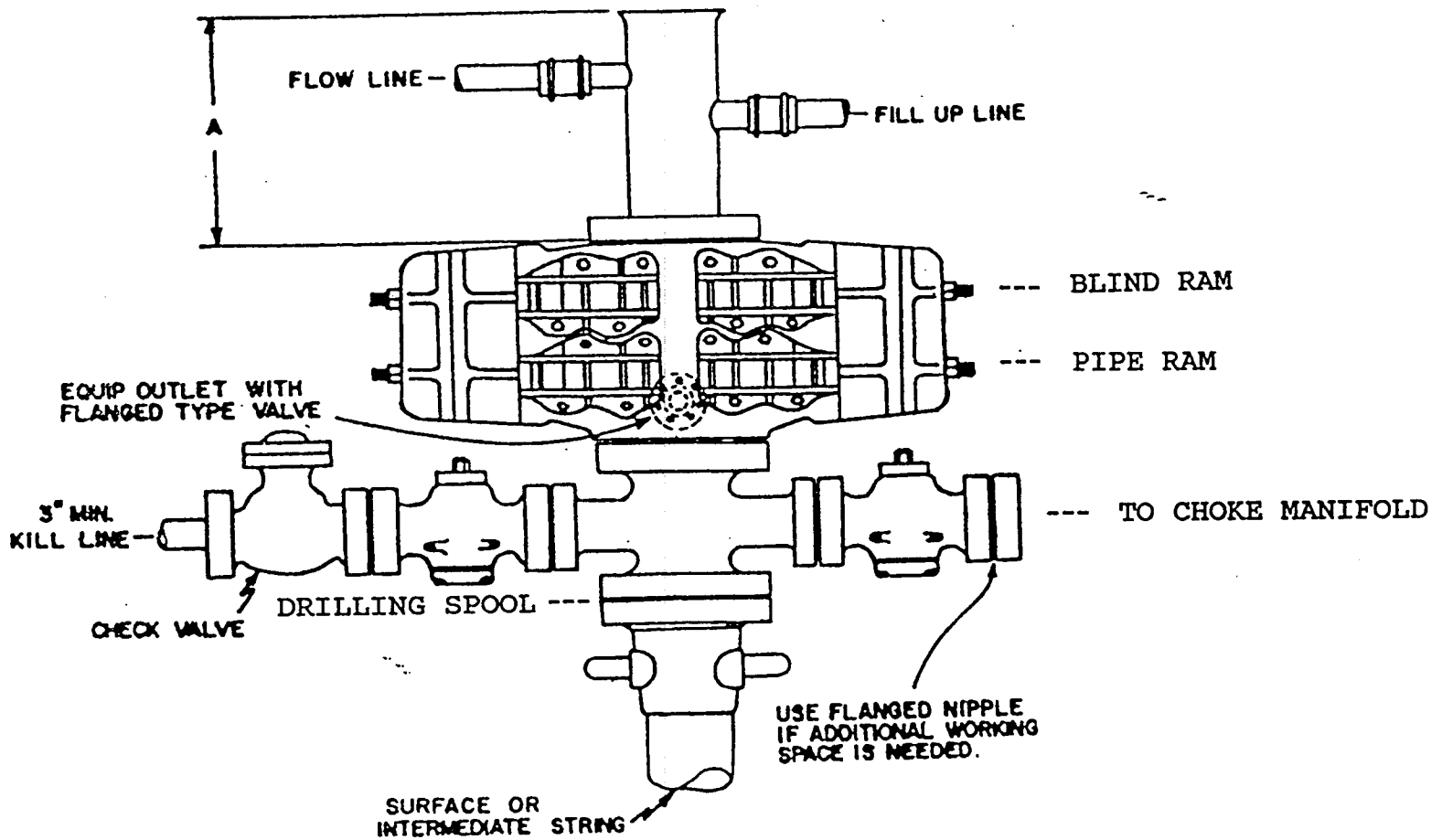
5. Evaluation Program:

Logs : Induction/Density/Neutron/GR/SP - 6000'-600'  
SWC in Panther Sand

DST's : One (1) in the Panther Sand

Cores : None Anticipated

TYPICAL BOP DIAGRAM



BLOWOUT PREVENTER

COCKRELL OIL CORPORATION

1210-0801 #1  
NE $\frac{1}{4}$ NE $\frac{1}{4}$  Section 8, T12S, R10E  
Carbon County, Utah

Supplement to Application for Permit to Drill

1. Location and Type of Water Supply:

- A. Produced water from existing coal bed methane wells owned by Cockrell Oil Corporation will be utilized for drilling operations.
- B. Fresh water which may be required for drilling and/or completion operations will be obtained from Willow Creek at a point located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 10, T12S, R10E. Approval of an Application for Permit to Appropriate Surface Water will be obtained from the office of the Utah State Engineer prior to diversion of any water from Willow Creek.

2. Methods of Handling Waste Disposal:

- A. Sewage - self-contained, chemical toilets will be provided for human waste disposal.
- B. Garbage and other waste materials - all trash will be contained in a portable trash cage. Upon completion of operations, all trash will be hauled to an approved sanitary landfill.
- C. Cuttings and drilling fluids - the cuttings will be deposited in the reserve pit. Drilling fluids will be contained in reserve pit and allowed to evaporate. The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of one-half (1/2) the total depth below the original ground surface on the lowest point within the pit. The reserve pit will not be lined as only fresh water will be used if drilling with air is not utilized.

3. Plans for Reclamation of the Surface:

- A. Backfilling, leveling and re-contouring are planned as soon as the reserve pit dries. Waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities. If production is established, the unneeded areas of the location will be reclaimed as soon as the reserve pit dries.
- B. Upon completion of backfilling, leveling and re-contouring, the stock-piled topsoil will be evenly spread over the reclaimed area(s). All disturbed surfaces (including access road and well pad areas) will be reseeded using the seed mixture recommended by the State of Utah.
- C. Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock and wildlife from becoming entrapped, and the fencing will be maintained until leveling and cleanup are accomplished.
- D. If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.

Cockrell Oil Corporation

Supplement to Application for Permit to Drill  
Page 2

3. Plans for Reclamation of the Surface: Continued

- E. The reclamation operations will begin after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Rehabilitation operations should be completed by the Fall of 1992.

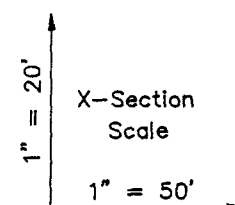
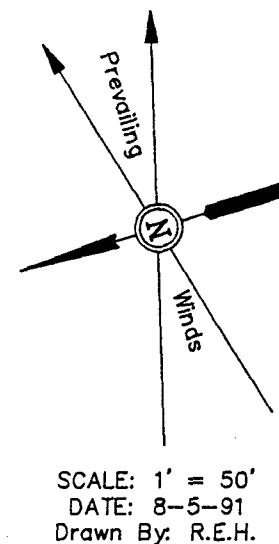
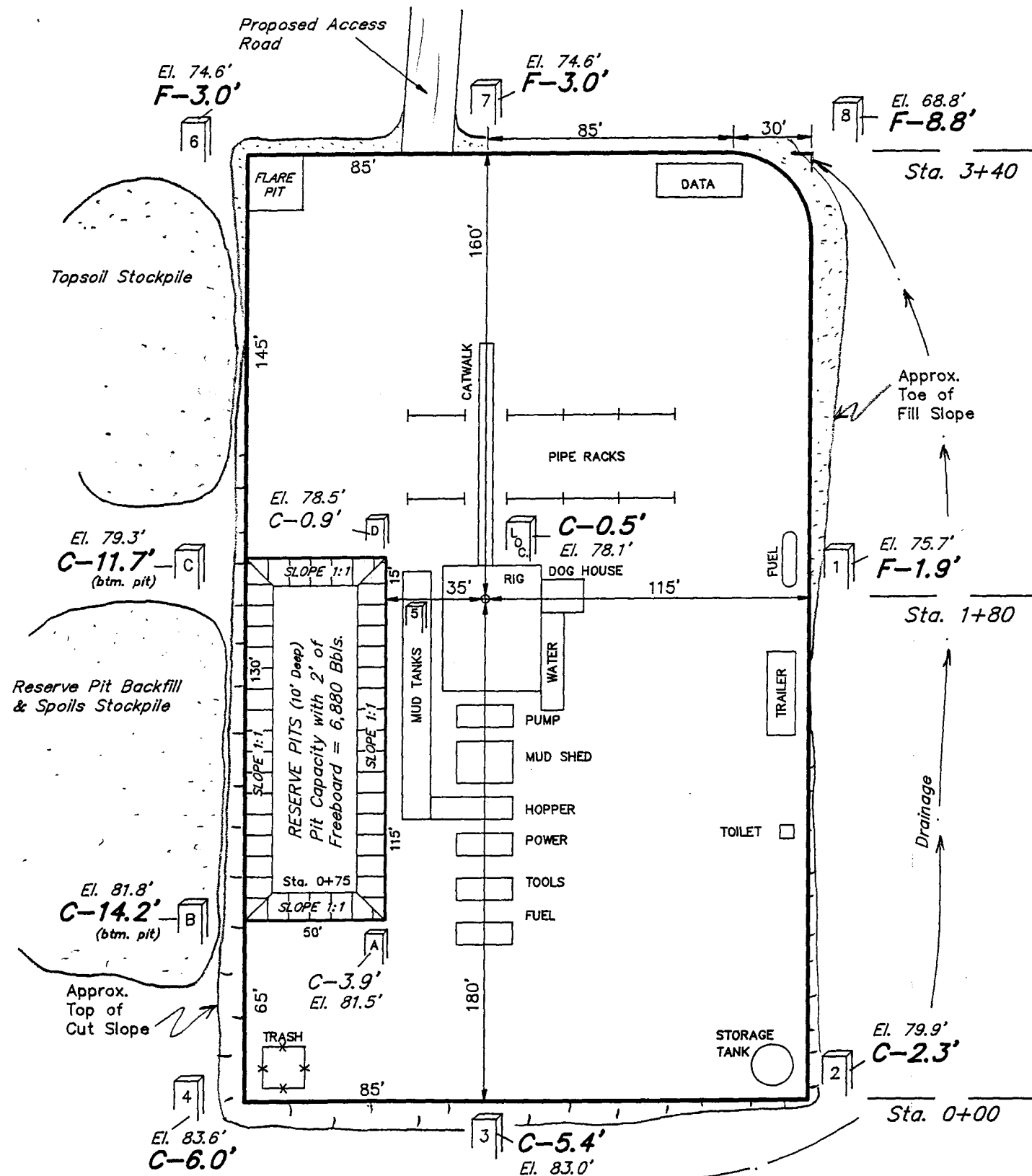
4. Surface Ownership:

The TN Company  
c/o James T., Jerry L. and Dix Jensen  
190 North Carbon Avenue  
Price, Utah 84501  
Telephone: (801) 637-1542

5. Contact for Additional Data if Required:

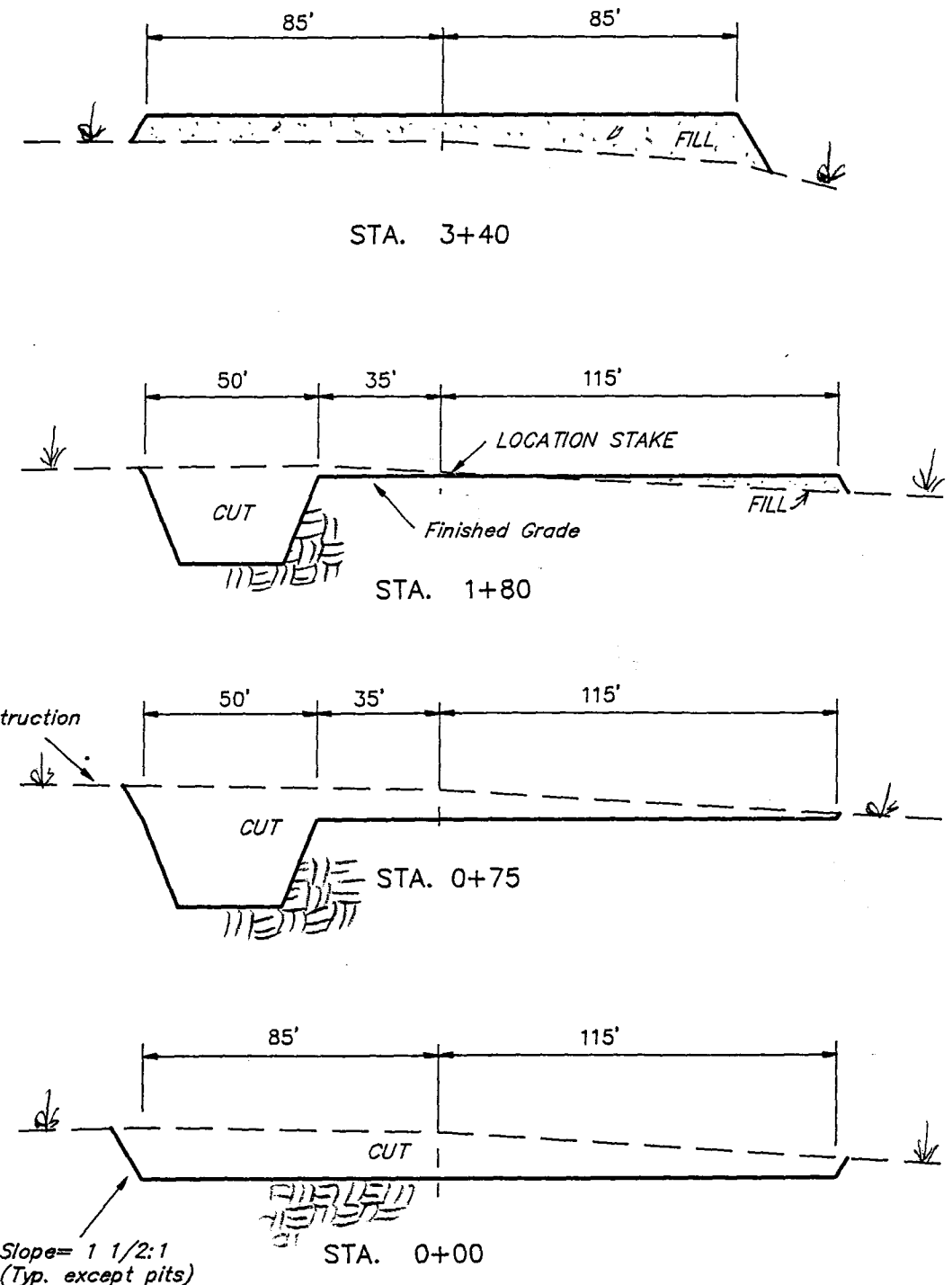
Heitzman Drill-Site Services  
Dale Heitzman/Bob Anderson  
P. O. Box 3579  
Casper, Wyoming 82602  
Telephone: (307) 266-4840

COCKRELL OIL CORP.  
LOCATION LAYOUT FOR  
WELL 1210-0801 NO. 1  
SECTION 8, T12S, R10E, S.L.B.&M.



TYP. LOCATION LAYOUT

TYP. CROSS SECTIONS



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,300 Cu. Yds.
Remaining Location	= 4,870 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 6,170 CU.YDS.</b>
<b>FILL</b>	<b>= 3,730 CU.YDS.</b>

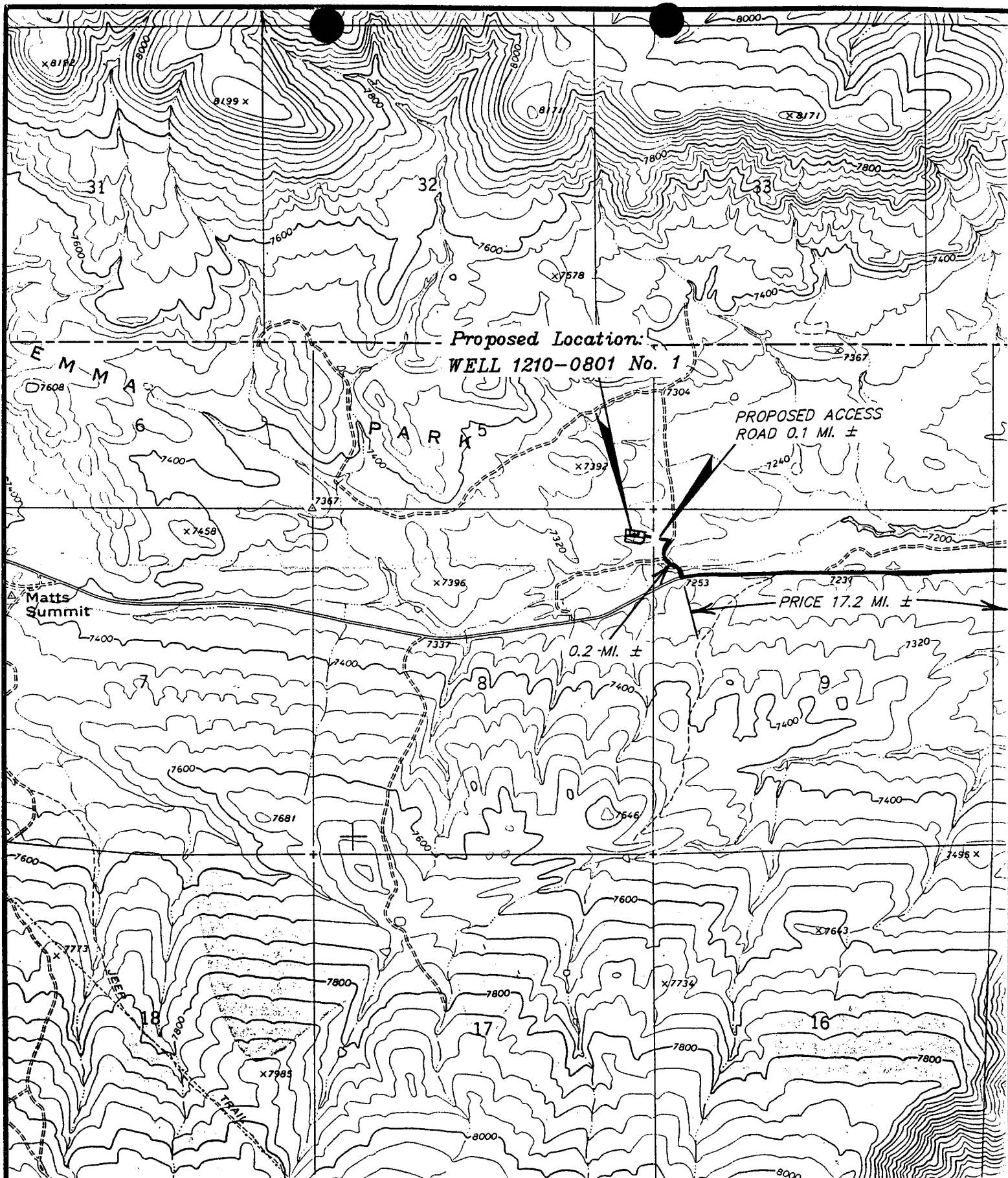
EXCESS MATERIAL AFTER 5% COMPACTION	= 2,240 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,190 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 50 Cu. Yds.

ELEV. UNGRADED GROUND AT LOC. STAKE = 7278.1'

ELEV. GRADED GROUND AT LOC. STAKE = 7277.6'

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East Vernal, Utah



TOPOGRAPHIC

MAP "B"

SCALE: 1" = 2000'

DATE 8-5-91 R.E.H.



**COCKRELL OIL CORP.**

WELL 1210-0801 No. 1  
SECTION 8, T12S, R10E, S.L.B.&M.

Topographic map of the Carbon County, Utah area, showing the proposed location of Well 1210-0801 No. 1. The map includes contour lines, roads, trails, and various geographical features. Key locations marked include Carbon, Helper, and Price. A proposed access road is shown, with distances of 0.1, 0.2, 1.9, 6.3, and 9.0 miles indicated. The map also shows the location of the well relative to the Carbon River and the Carbon River Canyon.

DATE 8-5-91 R.E.H.



WELL 1210-0801 No. 1  
SECTION 8, T12S, R10E, S.L.B.&M.

OPERATOR Cocum Oil Corp N-1035 DATE 9-23-91

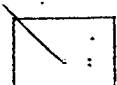
WELL NAME 1010-0801 #1

SEC NENE 8 T 12S R 10E COUNTY Carbon

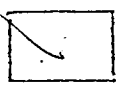
43-007-30147  
API NUMBER

fee (1)  
TYPE OF LEASE

CHECK OFF:



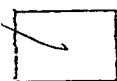
PLAT.



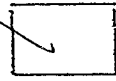
BOND  
80,000  
300038



NEAREST  
WELL



LEASE



FIELD  
SLOM



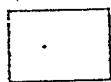
POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

1 well within Sec 8 - gas producer  
Water Permit  
Permit 9-16-91 / Geology issued 9-20-91  
ROCC 9-20-91

APPROVAL LETTER:

SPACING:

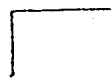


R615-2-3

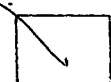
N/A  
UNIT



R615-3-2



N/A  
CAUSE NO. & DATE




R615-3-3

STIPULATIONS:

fee stipulation  
1- water Permit  
2. Reserve pit to be evaluated prior to introduction of fluids to determine lining requirements.  
3. Since this well is being permitted as an injection well, cement should be brought to the surface on the long string and a cement bond log will have to be run as per EPA regulations.

STATE ACTIONS

Mail to:  
RDCC Coordinator  
116 State Capitol  
Salt Lake City, Utah 84114

1. ADMINISTERING STATE AGENCY  
OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203
2. STATE APPLICATION IDENTIFIER NUMBER:  
(assigned by State Clearinghouse)
3. APPROXIMATE DATE PROJECT WILL START:  
November 1, 1991
4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:  
(to be sent out by agency in block 1)  
Southeastern Utah Association of Governments
5. TYPE OF ACTION: ☐ Lease ☒ Permit ☐ License ☐ Land Acquisition  
☐ Land Sale ☐ Land Exchange ☐ Other \_\_\_\_\_
6. TITLE OF PROPOSED ACTION:  
Application for Permit to Drill
7. DESCRIPTION:  
Cockrell Oil Corporation proposes to drill a wildcat well, the 1210-0801 #1 on a private lease in Carbon County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The DOGM is the primary administrative agency in this case and must issue approval to drill before operations can commence.
8. LAND AFFECTED (site location map required) (indicate county)  
NE/4, NE/4, Section 8, Township 12 South, Range 10 East, Carbon County, Utah
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?  
Unknown
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:  
No significant impacts are likely to occur
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
12. FOR FURTHER INFORMATION, CONTACT:  
Frank R. Matthews  
PHONE: 538-5340
13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL  
  
DATE: 9-20-91 Petroleum Engineer

WOI152

## DRILLING LOCATION ASSESSMENT

### State of Utah Division of Oil, Gas and Mining

OPERATOR: COCKRELL OIL CORP. WELL NAME: 1210-0801 #1  
SECTION: 8 TWP: 12S RNG: 10E LOC: 415 FNL 288 FEL  
QTR/QTR NE/NE COUNTY: CARBON FIELD: WILDCAT  
SURFACE OWNER: JERRY JENSEN  
SPACING: 460 F SECTION LINE 460 F QTR/QTR LINE 920 F ANOTHER WELL  
INSPECTOR: BRAD HILL DATE AND TIME: 8/20/91 11:00

PARTICIPANTS: Bill Elliott-Cockrell, Robert Kay-Uintah  
Engineering, Robert Anderson-Permit Agent, Dan Jarvis-DOGM, Don  
Stephens, Mark MacKiewicz, Dean Nieffler-BLM, Jerry Jensen-  
Landowner

REGIONAL SETTING/TOPOGRAPHY: The proposed location is on the  
western edge of the Book Cliffs north of Indian Canyon. It is  
located in a valley, at the base of a northeast facing dip slope  
of the Flagstaff Limestone, on fluvial sediments.

#### LAND USE:

CURRENT SURFACE USE: Domestic grazing.

PROPOSED SURFACE DISTURBANCE: A rectangular pad will be  
constructed approximately 340'X 200' including a 130'X 50'  
reserve pit. A .1 mile access road will be constructed.

AFFECTED FLOODPLAINS AND/OR WETLANDS: This location is on a  
terrace above the floodplain of Emma Creek. The well should not  
affect the creek.

FLORA/FAUNA: Grass, Wild Flowers, Dead Sagebrush, Prickly Pear,  
Thistle/Deer, Elk, Rabbits, Birds, Bugs

#### ENVIRONMENTAL PARAMETERS

##### SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Sandy Loam with abundant  
rock fragments.

SURFACE FORMATION & CHARACTERISTICS: Quaternary alluvium on  
Colton Formation.

EROSION/SEDIMENTATION/STABILITY: No active erosion or  
sedimentation at present. Location should be stable.

PALEONTOLOGICAL POTENTIAL: None observed.

## SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: This well is intended as an injection well the primary objective is the Panther Sand at 5830'. The secondary objective is the Spring Canyon Sandstone at 5430'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated.

CULTURAL RESOURCES/ARCHAEOLOGY: N.A.

CONSTRUCTION MATERIALS: Onsite materials will be used for construction.

SITE RECLAMATION: To be reclaimed as per landowner instructions.

### RESERVE PIT

CHARACTERISTICS: 150'X 50'X 10'

LINING: To be examined after construction to determine if a synthetic liner is needed.

MUD PROGRAM: 0-600'-Fresh Water/gel; 600-6000'-Fresh Water/gel/caustic

DRILLING WATER SUPPLY: Water will be obtained from nearby Cockrell wells.

### STIPULATIONS FOR APD APPROVAL

Reserve pit is to be evaluated prior to introduction of fluids to determine lining requirements.

### ATTACHMENTS

Photographs will be placed on file.



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

October 9, 1991

Cockrell Oil Corporation  
1600 Smith Street, Suite 4600  
Houston, Texas 77002-7348

Gentlemen:

Re: 1210-0801 #1 Well, 415 feet from the North line, 288 feet from the East line, NE NE, Section 8, Township 12 South, Range 10 East, Carbon County, Utah

Approval to drill the referenced well for use as a water disposal well (Class II injection well), is hereby granted in accordance with Utah Admin. R.615-3-3, subject to the following stipulations:

1. Cockrell Oil Corporation, as designated operator, is the bonded principal in reference to the Application for Permit to Drill for this well. Should this designation change or a transfer of ownership occur, liability will remain with the designated operator until the Division is notified by letter of a new bonded principal.
2. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
3. Reserve pit should be evaluated prior to introduction of fluids to determine lining requirements.
4. Cement should be circulated to surface when setting the 7" casing and a Cement Bond log should be run in order to achieve compliance with EPA regulations.

In addition, the following actions are necessary to fully comply with this approval:

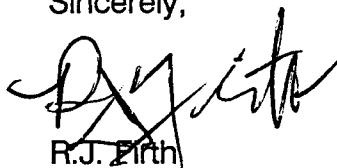
1. Spudding notification within 24 hours after drilling operations commence.

Page 2  
Cockrell Oil Corporation  
1210-0801 #1  
October 9, 1991

2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification in the event it is necessary to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068
5. Compliance with the requirements of Utah Admin. R.615-3-20, Gas Flaring or Venting.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Department of Environmental Quality, Division of Drinking Water/Sanitation, telephone (801)538-6159.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-007-30147.

Sincerely,



R.J. Firth

Associate Director, Oil and Gas

TAS/lde  
Enclosures  
cc: Bureau of Land Management  
J.L. Thompson  
WOI1



UTAH STATE UNIVERSITY . LOGAN, UTAH 84322-0730

Department of Sociology, Social Work and Anthropology  
(801) 750-1230

October 9, 1991

Mr. R.J. Firth  
Associate Director  
Division of Oil, Gas and Mining  
Department of Natural Resources  
1636 West North Temple  
Salt Lake City, UT 84116

Dear Mr. Firth:

*43-007-30147*

I am writing you out of concern about the application of Cockrell Oil Corporation for administrative approval of 1210-0801 #1 well in Section 8, Township 12 South, Range 10 East, within Carbon County, Utah. The additional well drilling and construction activities associated with conversion to an injection well may impact significant cultural and historical resources. The construction and/or alternation of any access roads would add to the impacts.

The State Archaeologist Office (within the Utah Division of State History) should be consulted with to see if any known archaeological or historical sites will be effected. In addition, arrangements should be made for a cultural resources survey and assessment of the project area.

Sincerely,

*Bill Fawcett*

Bill Fawcett  
Research Assistant Professor  
USU Anthropology Research  
801/750-1496

**RECEIVED**

OCT 15 1991

DIVISION OF  
OIL GAS & MINING



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

December 3, 1992

Cockrell Oil Corporation  
1600 Smith Street, Suite 4600  
Houston, Texas 77002-7348

Gentlemen:

Re: 1210-0801 #1, Sec. 8, T. 12S, R. 10E, Carbon County, Utah  
API No. 43-007-30147

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective immediately.

Please note that a new Application for Permit to Drill must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

Don Staley  
Administrative Supervisor  
Oil and Gas

DME/lde  
cc: R.J. Firth  
Well file  
WOI219

Attachment #2

Temporary Change Application  
Number t91-91-09  
Cockrell Oil Corporation  
October 8, 1991

Proposed Well Locations  
All locations in T12S, R10E, SLB&M:

- 1) 1210-0801: S. 415 ft. & W. 288 ft. from NE Cor. Sec. 8 (NE4NE4) 43-007-30147
- 2) 1210-0806: S. 2400 ft. & E. 1769 ft. from NW Cor. Sec. 8 (SE4NW4) 43-007-30148
- 3) 1210-0708: S. 2000 ft. & W. 600 ft. from NE Cor. Sec. 7 (SE4NE4) 43-007-3013
- 4) 1210-0907: S. 2000 ft. & W. 2050 ft. from NE Cor. Sec. 9 (SW4NE4) 43-007-30149
- 5) 1210-0313: N. 750 ft. & E. 650 ft. from SW Cor. Sec. 3 (SW4SW4) 43-007-30134
- 6) 1210-1204: S. 1100 ft. & E. 1200 ft. from NW Cor. Sec. 12 (NW4NW4) 43-007-30140
- 7) 1210-1304: S. 1150 ft. & E. 1200 ft. from NW Cor. Sec. 13 (NW4NW4) 43-007-30141
- 8) 1210-1504: S. 700 ft. & E. 500 ft. from NW Cor. Sec. 15 (NW4NW4) 43-007-30138
- 9) 1210-1609: N. 2000 ft. & W. 775 ft. from SE Cor. Sec. 16 (NE4SE4) 43-007-30136
- 10) 1210-1602: S. 700 ft. & W. 1900 ft. from NE Cor. Sec. 16 (NW4NE4) 43-007-30142
- 11) 1210-2302: S. 800 ft. & W. 1800 ft. from NE Cor. Sec. 23 (NW4NE4) 43-007-30131
- 12) 1210-2310: N. 2000 ft. & W. 1950 ft. from SE Cor. Sec. 23 (NW4SE4) 43-007-30144
- 13) 1210-2404: S. 1150 ft. & E. 1200 ft. from NW Cor. Sec. 24 (NW4NW4) 43-007-30143
- 14) 1210-2412: N. 2100 ft. & E. 475 ft. from SW Cor. Sec. 24 (NW4SW4) 43-007-30133

STATE ENGINEER'S ENDORSEMENT

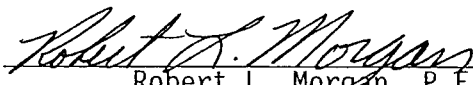
WATER RIGHT NUMBER: 91 - 4819

APPLICATION NO. T65703

1. October 21, 1991      Application received by JD.
  2. October 23, 1991      Application designated for APPROVAL by MP and KLJ.
  3. Comments:
- 
- 

Conditions:

This application is hereby APPROVED, dated November 8, 1991, subject to prior rights and this application will expire on November 8, 1992.

  
Robert L. Morgan, P.E.  
State Engineer

TEMPORARY

RECEIVED

FILING FOR WATER IN THE  
STATE OF UTAH

RECEIVED

NOV 13 1991

OCT 28 1991

OCT 21 1991

DIVISION OF  
OIL GAS & MINING

## APPLICATION TO APPROPRIATE WATER

Rec. by JSFee Rec. 30.00Receipt # 31932

Microfilmed \_\_\_\_\_

Roll # \_\_\_\_\_

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements to Title 73, Chapter 3 of the Utah Code Annotated (1953, as amended).

\*WATER RIGHT NO. 91 - 4819\*APPLICATION NO. A T657031. \*PRIORITY OF RIGHT: October 21, 1991 \*FILING DATE: October 21, 1991

## 2. OWNER INFORMATION

Name(s): Cockrell Oil Corporation

\*Interest: \_\_\_\_\_ %

Address: 1600 Smith Suite 4600City: HoustonState: TexasZip Code: 77002Is the land owned by the applicant? Yes \_\_\_\_\_ No X (If "No", please explain in EXPLANATORY section.)3. QUANTITY OF WATER: Existing Underground cfs and/or 3.0 ac-ft.4. SOURCE: Exploratory Wells

\*DRAINAGE: \_\_\_\_\_

which is tributary to \_\_\_\_\_

which is tributary to \_\_\_\_\_

POINT(S) OF DIVERSION:

COUNTY: CarbonSee Attachment #1Description of Diverting Works: 5 1/2 inch casing, 4425 ft. to 4667 ft. deep\*COMMON DESCRIPTION: 10 miles NE of Helper Matts Summit Quad

## 5. POINT(S) OF REDIVERSION

The water will be rediverted from \_\_\_\_\_ at a point:  
N. 550 ft. & E. 1950 ft. from SW Cor. Sec. 11, T12S, R10E, SLB&M.

Description of Diverting Works: Portable pump to tank truck

## 6. POINT(S) OF RETURN

The amount of water consumed will be \_\_\_\_\_ cfs or 3.0 ac-ft.

The amount of water returned will be \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft.

The water will be returned to the natural stream/source at a point(s): \_\_\_\_\_

## 7. STORAGE

Reservoir Name: See Attachment #1 Storage Period: from \_\_\_\_\_ to \_\_\_\_\_

Capacity: \_\_\_\_\_ ac-ft. Inundated Area: \_\_\_\_\_ acres.

Height of dam: \_\_\_\_\_ feet

Legal description of inundated area by 40 acre tract(s): \_\_\_\_\_

\* These items are to be completed by the Division of Water Rights

Appropriate

8. List any other water rights which will supplement this application \_\_\_\_\_

9. NATURE AND PERIOD OF USE

Irrigation:	From _____	to _____
Stockwatering:	From _____	to _____
Domestic:	From _____	to _____
Municipal:	From _____	to _____
Mining:	From _____	to _____
Power:	From _____	to _____
Other:	From Oct. 5, 1991	to May 31, 1992

10. PURPOSE AND EXTENT OF USE

Irrigation: \_\_\_\_\_ acres. Sole supply of \_\_\_\_\_ acres.  
Stockwatering (number and kind): \_\_\_\_\_  
Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons.  
Municipal (name): \_\_\_\_\_  
Mining: \_\_\_\_\_ Mining District in the \_\_\_\_\_ Mine.  
Ores mined: \_\_\_\_\_  
Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_  
Other (describe): Drilling of coalbed methane wells and a water disposal well,  
Road Construction and Maintenance.

11. PLACE OF USE

Legal description of place of use by 40 acre tract(s): See Attachment #2  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

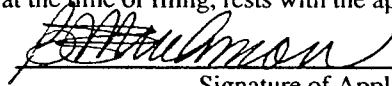
12. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. (Use additional pages of the same size if necessary):

Cockrell intends to drill the wells mentioned in Attachment #2 and requests permission  
to use the water produced from the 5 Shimmin Trust Wells for this purpose. The water  
is produced with methane gas from Mesaverde coals. This water is not tributary to  
any stream system; but, is confined in the coal beds until produced. Cockrell has  
leased the right for this operation from the owner.  
Supplemental with Temporary Change Application #t91-91-09.

\*\*\*\*\*

The applicant(s) hereby acknowledges that he/she/they are a citizen(s) of the United States of America or intends to become such a citizen(s). The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purposes herein described. The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

  
\_\_\_\_\_  
B. E. Weichman, Special Projects Manager  
Signature of Applicant(s)\*

\*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its authorized agent, or in the name of the partnership by one of the partners.

\_\_\_\_\_  
Authorized Agent (please print)

\_\_\_\_\_  
Authorized Agent (signature)

Attachment #1

Attachment to  
APPLICATION TO APPROPRIATE WATER

Owner: Cockrell Oil Corporation  
1600 Smith - Suite 4600  
Houston, Texas 77002-7348  
Phone: (713) 651-1271

- Item #4
1. Shimmin Trust #1 located 793 feet from the south line and 780 feet from the east line of Sec. 11, T12S, R10E. Drilled to a depth of 4,667 feet with 5-1/2" casing set to total depth.
  2. Shimmin Trust #2 located 1980 feet from the north line and 800 feet from the east line of Sec. 14, T12S, R10E. Drilled to a depth of 4,650 feet with 5-1/2" casing set to total depth.
  3. Shimmin Trust #3 located 1980 feet from the north line and 1780 feet from the west line of Sec. 14, T12S, R10E. Drilled to a depth of 4,425 feet with 5-1/2" casing set to total depth.
  4. Shimmin Trust #4 located 540 feet from the south line and 1900 feet from the west line of Sec. 11, T12S, R10E. Drilled to a depth of 4,631 feet with 5-1/2" casing set to total depth.
  5. Shimmin Trust #5 located 660 feet from the north line and 2340 feet from the east line of Sec. 14, T12S, R10E. Drilled to a depth of 4,485 feet with 5-1/2" casing set to total depth.

Item #7 Water will be in temporary storage in pits at each well location as shown on the attached plat. Pits have been approved by the Oil and Gas Conservation Commission and vary in size with average size being 1,160 barrels or 48,720 gallons.

Date: October 1, 1991

Cockrell Oil Corporation

**W. R. SMITH - CONSULTING ENGINEER**

6920 S. Prince Way • Littleton, CO. 80120

303-795-0440

August 27, 1991

RECEIVED

SEP 03 1991

Mr. Gilbert Hunt  
Utah Division of Oil, Gas and Mining  
Suite 350, 3 Triad Center  
355 West North Temple  
Salt Lake City, Utah 84180-1203

DIVISION OF  
OIL GAS & MINING

Re: Application for Underground Injection Well  
Cockrell Oil Corporation's 1210-0801 #1  
NE 1/4, NE 1/4, S8-T12S-R10E.  
Carbon County, Utah

Dear Bill ~~Mr.~~ Hunt:

Enclosed is UIC Form 1-Application For Injection Well for the well described above. Included with the Application is a copy of an ownership map covering areas of concern; a copy of the Drilling Prognosis which shows the casing and cementing program and a plat showing the location of the proposed injection well, topography and the proposed piping layout. Water to be injected will be produced from wells shown on the enclosed plat, as well as other wells that may be drilled in the future. The water will be produced from the Blackhawk formation coals.

There are no water wells or oil or gas wells within the area of concern. The primary injection reservoir is the Panther sand of the Star Point formation, as shown on the enclosed Stratigraphic Column. A secondary objective reservoir is the Spring Canyon sand, also a member of the Star Point formation. These sands are the lower members of the Mesaverde Group.

No well has been drilled to the Panther sand in the immediate area; therefore, no analysis is available either by log interpretation or other means. Based on our best knowledge of the area and geology of the overlying formations, we are estimating the water quality will exceed 4,500 parts per million total dissolved solids, but will contain less than 10,000. Therefore, an aquifer exemption according to Section R615-5-4 may be required.

We are unable to furnish the required logs at this time; but, they will be furnished to your office immediately upon completion of the well.

Cockrell is currently preparing to drill the proposed producers. Early approval of this application would be appreciated, so that work may proceed at a reasonable pace.

Yours very truly,

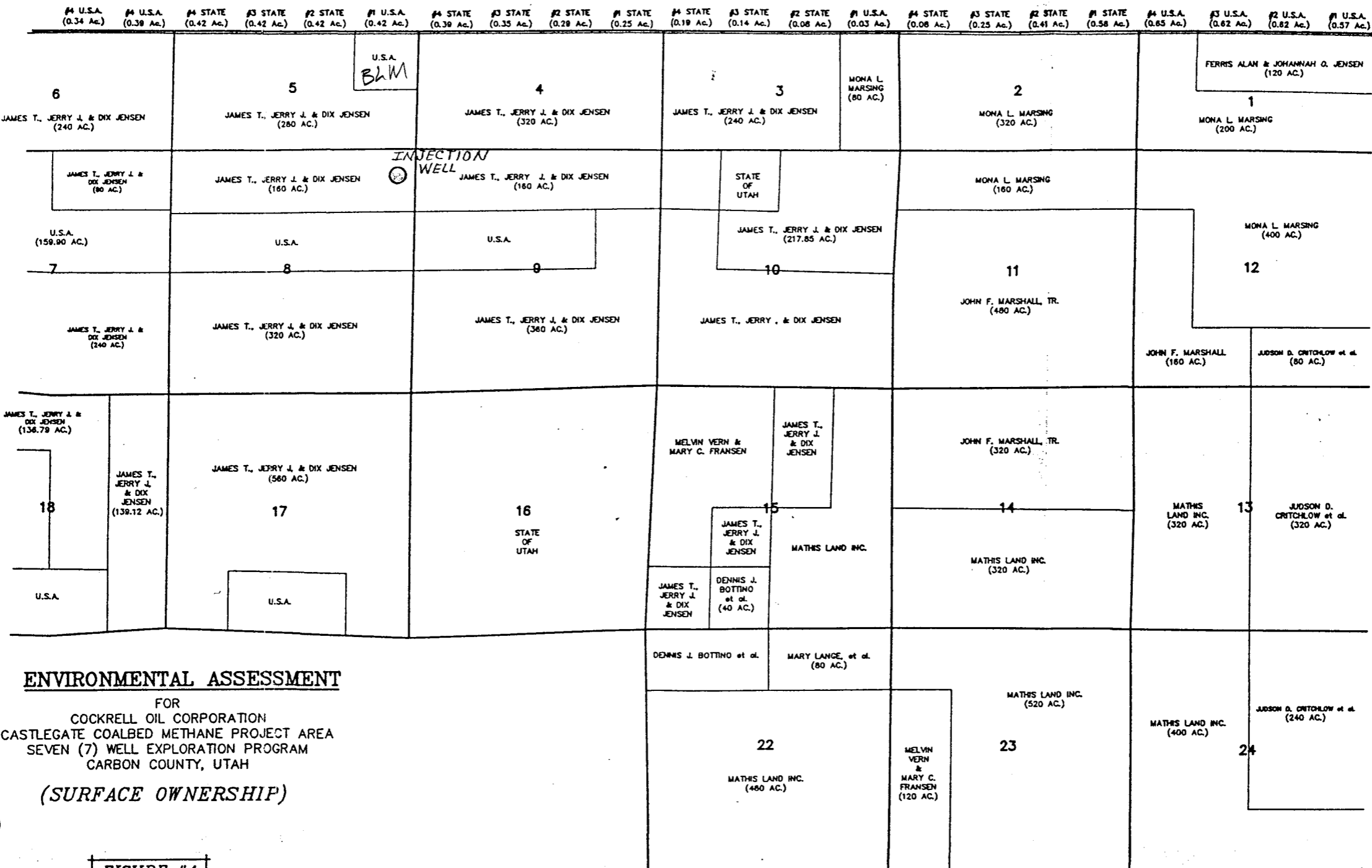
Bill Smith

William R. Smith, P.E.

## DIVISION OF OIL GAS & MINING

OPERATOR Cockrell Oil Corporation  
ADDRESS 1600 Smith - Suite 4600  
Houston, Texas 77002-7348

(3/89)



# COCKRELL OIL CORPORATION

## DRILLING PROGNOSIS

Well Name and Location:

Well 1210-0801 #1

500' FNL & 300' FEL NE $\frac{1}{4}$  NE $\frac{1}{4}$  S8-T12S-R10E

Elevation: 7280'

Estimated Total Depth: 6000'

Estimated Tops of Important Geologic Markers: Spud - Flagstaff

Formation	Depth	Datum - SL
Price River Fm.	3580'	+ 3700'
Blackhawk Fm.	4380'	+ 2900'
Aberdeen Sand	5210'	+ 2070'
Spring Canyon Sand	5430'	+ 1850'
Panther Sand	5830'	+ 1450'

Estimated Depths to Important Water Zones: None

Zone	Depth	Est. Thickness

Estimated Depths to Objective Hydrocarbon Zones: None

Zone	Depth	Datum - SL

Special Mud Instructions: Freshwater gel/caustic

Special Casing Instructions: Surface @ 600' 10 3/4", 40.5#, J-55, ST&C

Production @ 6000' 7", 23#, J-55, LT&C

*Casing program subject to change depending on current study*

Sample Collection: 30' Samples below surface casing to top of Blackhawk.

10' Samples below the top of the Blackhawk to TD.

Full Cores: None

Rotary Sidewall Cores: None

Drill Stem Tests: One in Panther Sand

Special Tests: None

Miscellaneous Instructions:

Logs: Induction/Density/Neutron/GR/SP

SWC in Panther Sand

#### COMPLETION DATA

Special Casing and Cementing Instructions: Cement production casing

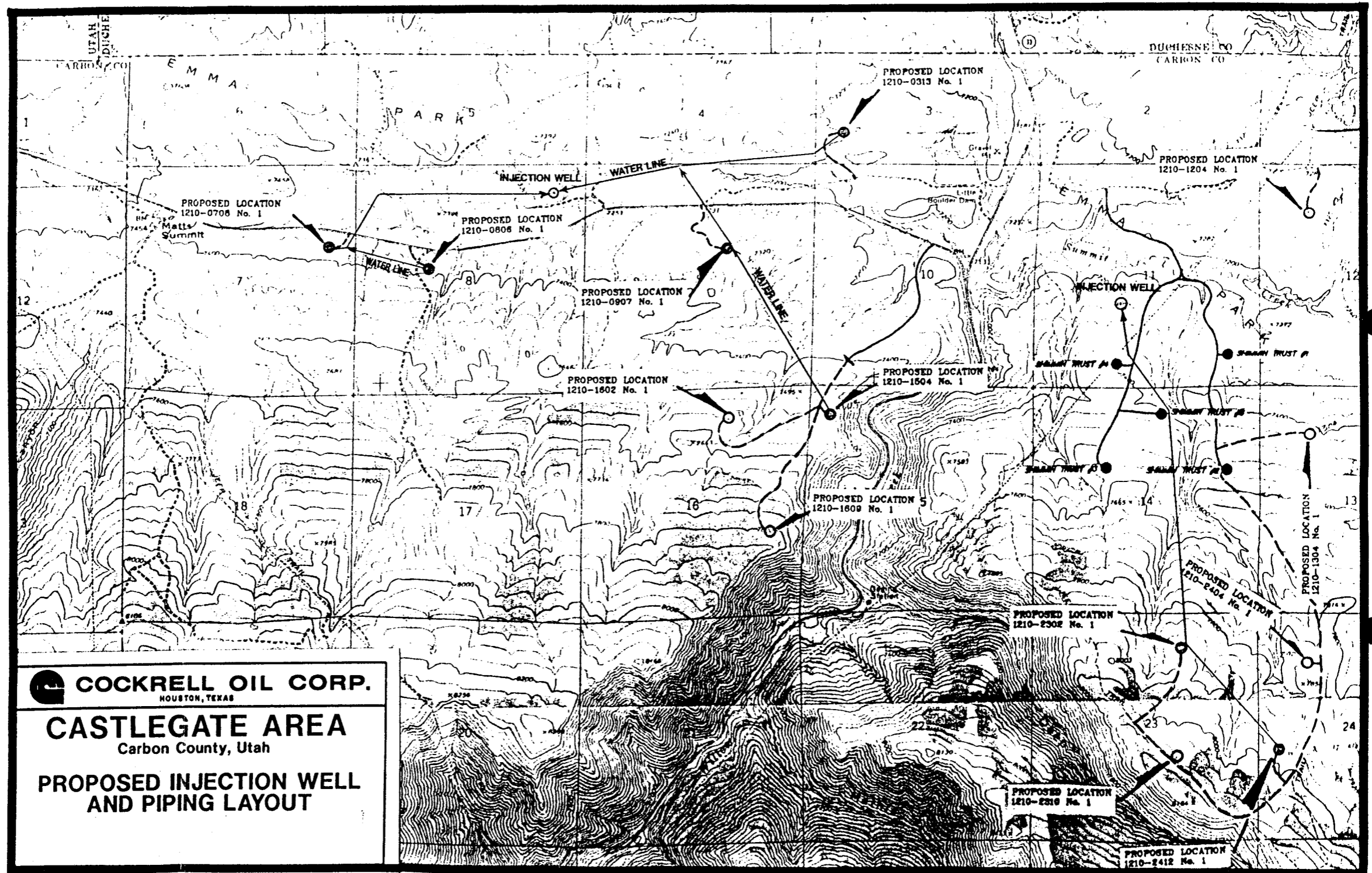
to surface in two stages utilizing a packer stage collar above the

Blackhawk formation.

Anticipated Stimulation Program:

Possible frac in Panther Sand

Estimated Starting Date: November 10, 1991



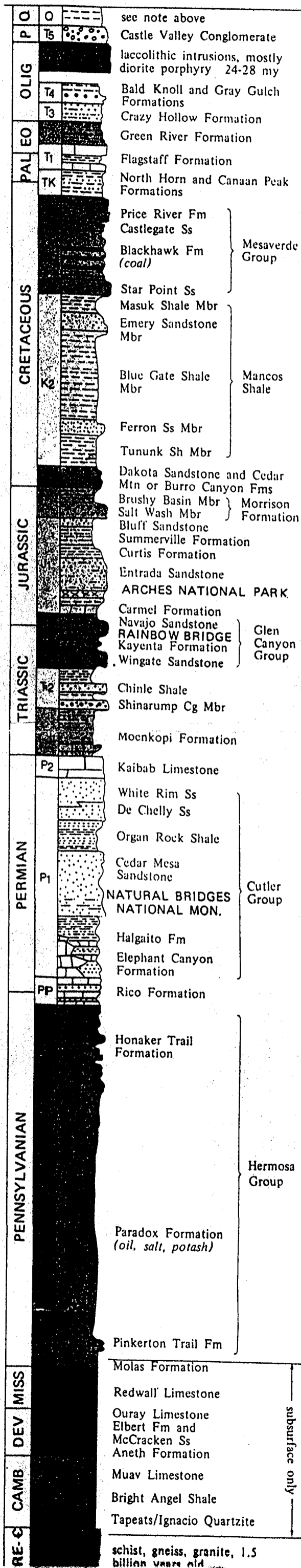
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SEP 03 1991

DIVISION OF  
OIL GAS & MINING

# STRATAGRAPHIC COLUMN

SOUTHEASTERN  
UTAH





Norman H. Bangerter  
Governor  
Dee C. Hansen  
Executive Director  
Dianne R. Nielson, Ph.D.  
Division Director

State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

September 25, 1991

Newspaper Agency Corporation  
Legal Advertising  
157 Regent Street  
Salt Lake City, Utah 84110

Gentlemen:

Re: Cause No. UIC-127

Enclosed is a Notice of Agency Action before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa Clement".

Lisa Clement  
Administrative Secretary

Idc  
Enclosure  
WOI127



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

September 25, 1991

Sun Advocate  
P.O. Box 870  
76 West Main  
Price, Utah 84501

Gentlemen:

Re: Cause No. UIC-127

Enclosed is a Notice of Agency Action before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa Clement  
Administrative Secretary

Idc  
Enclosure  
WOI127



COCKRELL OIL  
CORPORATION

1600 SMITH • SUITE 4600 • HOUSTON, TEXAS 77002-7348  
TELEPHONE 713/651-1271

October 1, 1991

Mr. Gil Hunt  
Manager  
Underground Injection Control Program  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Mr. Hunt:

This letter is in response to our telephone conversation of a week or so ago when you requested certain information relative to the UIC permit application in Carbon County, Utah.

The information is as follows:

1. Our drilling program calls for cementing 7-1/2" casing from TD all the way to the surface.
2. We will run a Cement Bond Log from TD to surface casing.
3. We have notified all surface owners within one-half mile of the location that we intend to drill and complete an injection well at that site. There are only two surface owners within one-half mile of the well location--Jensen Brothers, Price, Utah and the United States BLM, Area Office, Price, Utah.
4. Cockrell Oil Corporation has valid oil and gas leases on all acreage within one-half mile of the proposed location.

I believe this supplies you with all of the information you requested. If you have any additional questions, please give me a call.

Very truly yours,

B. E. Weichman  
Special Projects Manager

RECEIVED

OCT 04 1991

DIVISION OF  
OIL GAS & MINING


# INJECTION WELL APPLICATION

## CHECKLIST

Applicant: COCKRELL OIL CO. Well: 1210-0801 #1  
Location: section 8 township 12 SOUTH range 10 EAST  
API #: \_\_\_\_\_ Well Type: disp. X enhanced recov. \_\_\_\_\_  
If enhanced recovery has project been approved by the Board ? N/A  
Lease Type: FEE Surface Ownership: FEE  
Field: WILDCAT Unit: \_\_\_\_\_ Indian Country: NO  
UIC Form 1: YES Plat: YES Wells in AOR: NONE  
Logs Available: NO Bond Log: NO  
Casing Program: SEE COMMENTS  
Integrity Test: TO BE RUN AT CONVERSION  
Injection Fluid: H2O  
Geologic Information: PANTHER SAND OF THE STAR POINT FORMATION  
Analyses of Injection Fluid: NO Formation Fluid: NO Compat. NO  
Fracture Gradient Information: NO Parting Pressure: \_\_\_\_\_  
Affidavit of Notice to Owners: NO  
Fresh Water Aquifers in Area: UNKNOWN  
Depth Base of Moderately Saline Water: \_\_\_\_\_  
Reviewer: D JARVIS Date: 09-20-91

Comments & Recommendations: NO WELLS HAVE BEEN DRILLED TO THE PANTHER IN THIS AREA; THEREFORE NO ANALYSIS ARE AVAILABLE. APPROVAL MUST BE CONDITIONAL ON QUALITY OF WATER, INJECTIVITY TESTS WILL HAVE TO BE RUN TO DETERMINE RATE AND PARTING PRESSURE INFORMATION. REQUIRED LOGS AND BOND LOGS WILL HAVE TO BE RUN AFTER DRILLING IS COMPLETED. SURFACE AND MINERAL OWNERS NEED TO BE NOTIFIED AND AN AFFIDAVIT SUBMITTED. CASING PROGRAMS ARE OUTLINED IN THE APD AND WILL BE ADEQUATE TO PROTECT ALL FRESH WATER. *Cement to surface on prod. casing.*

**LEGAL ADVERTISING INVOICE**

CUSTOMER NAME AND ADDRESS		ACCOUNT NUMBER	BILLING DATE
 DIVISION OF OIL, GAS/MIN 355 WEST NO. TEMPLE 3 TRIAD CENTER, #350 SALT LAKE CITY UT 84180	LE-5385340	09/30/91	
	FOR BILLING INFORMATION CALL (801) 237-2822		

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OCT 02 1991

## DIVISION OF OIL, GAS & MINING

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED  
ADVERTISEMENT OF NOTICE OF AGENCY ACTION CAUSE NO. UIC-127 BEFORE                      FOR  
DIVISION OF OIL, GAS/MIN WAS PUBLISHED BY THE NEWSPAPER AGENCY  
CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS  
PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED  
IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON SEP 30 1991

SIGNATURE

09/30/91

DATE \_\_\_\_\_

NOTARY PUBLIC  
COUNTY OF DENVER  
1st District  
Ball Lake City, Utah 84001  
My Commission Expires  
April 1, 1999  
BRADLEY C. WYCKE

NOTICE OF AGENCY ACTION CAUSE NO. UIC-127 BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH		ACCOUNT NAME		TELEPHONE	
IN THE MATTER OF THE APPLICATION OF COCKRELL OIL CORPORATION FOR ADMINISTRATIVE APPROVAL OF THE 1210-0801 #1 WELL LOCATED IN SECTION 8 TOWNSHIP 12 SOUTH RANGE 10 EAST, S.L.M., CARBON COUNTY, UTAH, AS A CLASS II INJECTION WELL		OF OIL, GAS/MIN		801-538-5340	
		SCHEDULE		AD NUMBER	
1991				9Q820060	
REF. NO.		CAPTION		MISC. CHARGES	
127		NOTICE OF AGENCY ACTION CAUSE NO. UIC-127 BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH		.00	
SIZE		TIMES		RATE	
1 COLUMN		1		1.64	
113.16					
PAYABLE ON RECEIPT OF THIS INVOICE				TOTAL AMOUNT DUE	
				113.16	

THANK YOU FOR USING LEGAL ADVERTISING.

**PLEASE RETURN THIS PORTION** **LEGAL**  
**WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE** **ADVERTISING**

ACCOUNT NUMBER	AD NUMBER	BILLING DATE	PAY THIS AMOUNT
LE-5385340	90820060	09/30/91	113.16

LEGAL ADVERTISING

PLEASE REMIT TO:

NEWSPAPER AGENCY CORPORATION  
P.O. BOX 45838  
SALT LAKE CITY, UTAH 84145-0838

**MAKE CHECKS PAYABLE TO:  
NEWSPAPER AGENCY CORPORATION**

DIVISION OF OIL, GAS/MIN  
355 WEST NO. TEMPLE  
3 TRIAD CENTER, #350  
SALT LAKE CITY UT 84180

COPY

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# Newspaper Agency Corporation

The Salt Lake Tribune

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838  
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-0217663

## LEGAL ADVERTISING INVOICE

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	BILLING DATE
DIVISION OF OIL, GAS/MIN 355 WEST NO. TEMPLE 3 TRIAD CENTER, #350 SALT LAKE CITY UT 84180	LE-5385340	09/30/91
FOR BILLING INFORMATION CALL (801) 237-2822		

### AFFIDAVIT OF PUBLICATION

APER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED  
EMENT OF NOTICE OF AGENCY ACTIONCAUSE NO. UIC-127BEFOR FOR  
IVISION OF OIL, GAS/MIN WAS PUBLISHED BY THE NEWSPAPER AGENCY  
ION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS  
IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED  
LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

ED ON SEP 30 1991

RE 09/30/91



**NOTARY PUBLIC**  
**JOHN E. PETERSON**  
143 South Main  
Salt Lake City, Utah 84145  
My Commission Expires  
April 9, 1995  
**STATE OF UTAH**

ACCOUNT NAME			TELEPHONE
DIVISION OF OIL, GAS/MIN			801-538-5340
SCHEDULE			AD NUMBER
SEP 30 1991			9Q820060
CUST. REF. NO.	CAPTION		MISC. CHARGES
CAUSE #UIC-127	NOTICE OF AGENCY ACTIONCAUSE NO. UIC-127BEFOR		.00
SIZE	TIMES	RATE	AD CHARGE
69 LINES 1 COLUMN	1	1.64	113.16
DUE AND PAYABLE ON RECEIPT OF THIS INVOICE			<b>TOTAL AMOUNT DUE</b> 113.16

THANK YOU FOR USING LEGAL ADVERTISING.

**PLEASE RETURN THIS PORTION** **LEGAL** ADV06-NT  
WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE **ADVERTISING**

ACCOUNT NUMBER	AD NUMBER	BILLING DATE	PAY THIS AMOUNT
LE-5385340	9Q820060	09/30/91	113.16

LEGAL ADVERTISING

PLEASE REMIT TO:

NEWSPAPER AGENCY CORPORATION  
P.O. BOX 45838  
SALT LAKE CITY, UTAH 84145-0838

MAKE CHECKS PAYABLE TO:  
NEWSPAPER AGENCY CORPORATION

DIVISION OF OIL, GAS/MIN  
355 WEST NO. TEMPLE  
3 TRIAD CENTER, #350  
SALT LAKE CITY UT 84180

**COPY**

077121706200608000000000000001131618823281731171911111111111122427



COCKRELL OIL  
CORPORATION

1600 SMITH • SUITE 4600 • HOUSTON, TEXAS 77002-7348  
TELEPHONE 713/651-1271

October 8, 1991

Mr. Gilbert Hunt  
Division of Oil, Gas and Minerals  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1204

Re: Cockrell Oil Corporation  
Well 1210-0801 Well No. 1  
Water Injection Well  
NENE Sec. 8, T12S-R10E  
Carbon County, Utah

Dear Mr. Hunt:

In response to your request, we have enclosed a notarized Affidavit declaring the proper surface owner notification has been made in connection with the proposed water injection well.

If you have any questions in this regard, please do not hesitate to call us at (713) 651-1271.

Very truly yours,

COCKRELL OIL CORPORATION

*Terri Willy*

Terri Willy

Enclosure

RECEIVED

OCT 10 1991

DIVISION OF  
OIL GAS & MINING

AFFIDAVIT

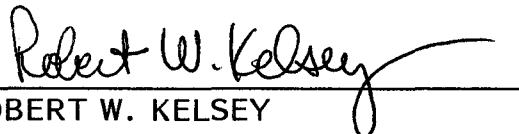
THE STATE OF UTAH     §  
                                     §  
COUNTY OF CARBON   §

BEFORE ME, the undersigned authority, on this day personally appeared ROBERT W. KELSEY, known to me to be a credible person above the age of 21 years, who by be being duly sworn, deposes and says, to-wit:

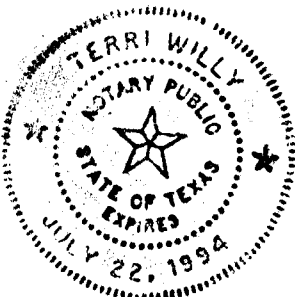
Affiant's name is Robert W. Kelsey. Affiant is employed by Cockrell Oil Corporation as a landman and is authorized to act in behalf of Cockrell Oil Corporation to make the notification referred to below.

Affiant hereby states that by letter dated October 1, 1991, a copy of which is attached hereto and made a part hereof as Exhibit "A", Affiant notified in behalf of Cockrell Oil Corporation, via United States Mail, all surface owners within a one-half mile radius of the Cockrell Oil Corporation Well 1210-0801 Well No. 1 of its intent to drill said well as a water injection well.

So ends Affiant's statement.

  
\_\_\_\_\_  
ROBERT W. KELSEY

Before me, a Notary Public, on this 8th day of October, 1991, personally appeared Robert W. Kelsey, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he has executed the same as the act of such corporation for the purposes and consideration therein expressed, and in the capacity therein stated.




  
\_\_\_\_\_  
Notary Public, State of Texas  
Printed Name: Terri Willy  
Commission Expires: 7-22-94

EXHIBIT "A"



COCKRELL OIL  
CORPORATION

1600 SMITH • SUITE 4600 • HOUSTON, TEXAS 77002-7348  
TELEPHONE 713/651-1271

ROBERT W. KELSEY  
Landman

October 1, 1991

Mr. James T. Jensen  
Mr. Jerry J. Jensen  
Mr. Dix Jensen  
c/o Jensen Law Offices  
190 North Carbon Avenue  
Price, Utah 84501

Mr. Pierre Moynier, Jr.  
748 N. 400 E.  
Price, Utah 84501

Bureau of Land Management  
324 South State, Suite 301  
Salt Lake City, Utah 84111-2303

Re: Cockrell Oil Corporation  
Well 1210-0801 No. 1  
Water Injection Well  
NENE Sec. 8, T12S-R10E  
Carbon County, Utah

Gentlemen:

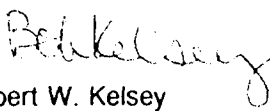
Cockrell Oil Corporation proposes the drilling of the captioned well at the location indicated on the attached survey plat. This well will be drilled for and utilized as an injection well for water produced in association with Cockrell's dewatering operations on various coalbed methane wells drilled or to be drilled by Cockrell in this vicinity.

This well will be drilled to a subsurface depth of approximately 6,000 feet and cased to bottom. Cockrell proposes injecting the produced water into the Panther sand.

The purpose of this letter is to notify all surface owners within a one-half mile radius of the proposed injection well of Cockrell's proposed operations as required by the State of Utah as part of their permitting process.

Very truly yours,

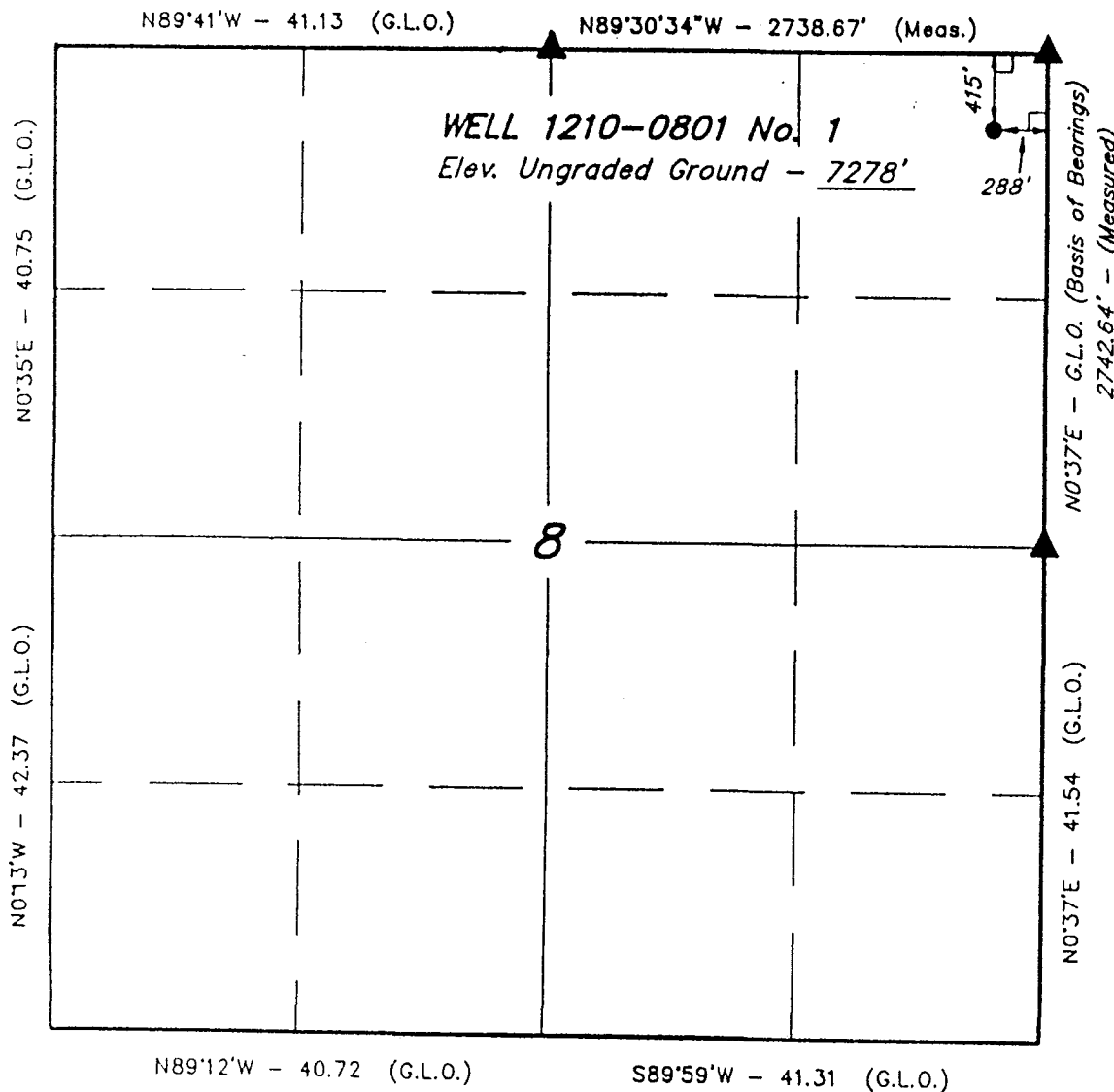
**COCKRELL OIL CORPORATION**

  
Robert W. Kelsey

RWK:tw  
/348

Attachment

T12S, R10E, S.L.B.&M.

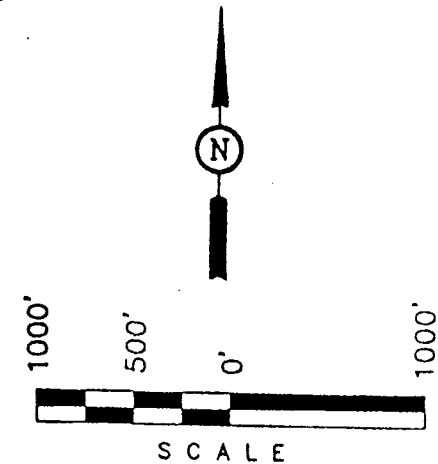


## COCKRELL OIL CORP.

Well location, WELL 1210-0801 No. 1, located as shown in the NE 1/4 NE 1/4 of Section 8, T12S, R10E, S.L.B.&M. Carbon County, Utah.

### BASIS OF ELEVATION

BENCH MARK LOCATED IN THE NW 1/4 OF SECTION 7, T12S, R10E, S.L.B.&M. TAKEN FROM THE MATTS SUMMIT QUADRANGLE, UTAH, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7454 FEET.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert J. Key*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 5709  
STATE OF UTAH

UNTAH ENGINEERING & LAND SURVEYING  
P. O. BOX 1758 - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 8-5-91
PARTY J.K. B.C. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER HOT	FILE COCKRELL OIL CORP.

▲ = SECTION CORNERS LOCATED. (Brass Caps)

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION	:	NOTICE OF AGENCY ACTION
OF COCKRELL OIL CORPORATION FOR	:	
ADMINISTRATIVE APPROVAL OF THE	:	CAUSE NO. UIC-127
1210-0801 #1 WELL, LOCATED	:	
IN SECTION 8, TOWNSHIP 12 SOUTH,	:	
RANGE 10 EAST, S.L.B. & M.,	:	
CARBON COUNTY, UTAH, AS A	:	
CLASS II INJECTION WELL	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED  
MATTER.

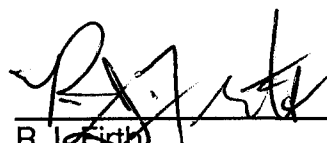
Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Cockrell Oil Corporation for administrative approval of the 1210-0801 #1 Well, located in Section 8, Township 12 South, Range 10 East, Carbon County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.615-10, Administrative Procedures.

The proposed intervals to be selectively perforated for water disposal are 5430' - 5500' and 5830' - 6000'. The requested maximum injection pressure is 1000 psig. The appropriate allowable injection pressure will be determined after the well has been drilled and properly tested. Water samples will also be obtained to determine water compatibility and the need for an aquifer exemption.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 20th day of September, 1991.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

  
\_\_\_\_\_  
R.J. Firth  
Associate Director, Oil and Gas

**COCKRELL OIL CORPORATION**  
**1210-0801 Well**  
**Cause No. UIC-127**

Publication Notices were sent to the following:


Newspaper Agency Corporation  
Legal Advertising  
157 Regent Street  
Salt Lake City, Utah 84110

Sun Advocate  
P.O. Box 870  
76 West Main  
Price, Utah 84501

Cockrell Oil Corporation  
1600 Smith, Suite 4600  
Houston, Texas 77002-7348

Bureau of Land Management  
P.O. Box Drawer AB  
Price, Utah 84501

Bill Smith  
6920 South Prince Way  
Littleton, Colorado 80120

  
\_\_\_\_\_  
Lisa Clement  
Administrative Secretary  
September 25, 1991

# AFFIDAVIT OF PUBLICATION

STATE OF UTAH)

ss.

County of Carbon,)

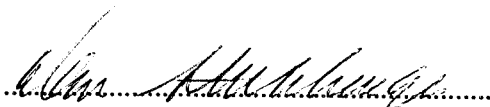
I, Dan Stockburger, on oath, say that I am the Publisher of the Sun Advocate, a twice-weekly newspaper of general circulation, published at Price, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for One (1) consecutive issues, and that the

first publication was on the

1st day of October, 1991.


and that the last publication of such notice was in the issue of such newspaper dated the

1st day of October, 1991.



Subscribed and sworn to before me this

1st day of October, 1991.

  
Notary Public

My Commission expires January 10, 1995

Residing at Price, Utah

Publication fee, \$ 26.40

## NOTICE OF AGENCY ACTION CAUSE NO. UIC-127

BEFORE THE DIVISION OF OIL, GAS AND MINING,  
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF COCKRELL OIL CORPORATION FOR ADMINISTRATIVE APPROVAL OF THE 1210-0801 #1 WELL, LOCATED IN SECTION 8, TOWNSHIP 12 SOUTH, RANGE 10 EAST, S.L.B. & M., CARBON COUNTY, UTAH, AS A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Cockrell Oil Corporation for administrative approval of the 1210-0801 #1 Well, located in Section 8, Township 12 South, Range 10 East, Carbon County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.615-10, Administrative Procedures.

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DATED this 20th day of September, 1991.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
/s/R.J. Firth

Associate Director, Oil and Gas  
Published in the Sun Advocate October 1, 1991.

COPY



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

*Gil*

October 25, 1991

*UIC,  
Please add  
to LA file.  
[Signature]*

Cockrell Oil Corporation  
1600 Smith, Suite 4600  
Houston, Texas 77002-7348

Gentlemen:

Re: Conversion of the 1210-0801 #1 Well, Section 8, Township 12 South, Range 10 East, Carbon County, Utah, to a Disposal Well **43-007-30147**

In accordance with Utah Admin. R. 615-5-3-3, administrative approval for conversion of the referenced well to a Class II injection well is granted.

The following actions are necessary to fully comply with this approval:

1. Compliance with the UIC requirements for operation, maintenance and reporting for Class II injection wells.
2. Conformance with all conditions of the submitted application and depending on water quality found in the proposed injection interval an aquifer exemption maybe necessary.

If you have any questions regarding this approval or the necessary requirements, please contact this office.

Best regards,

*[Signature]*  
Dianne R. Nielson  
Director

ldc

cc: BLM, Price  
R.J. Firth